

# **2008 Residential Bill Survey**

## **Jurisdictional Electric Utilities**

### **July 1, 2008 Billing**

Commission Staff presents a survey of electric utility billings for residential customers served under Indiana state rate-setting jurisdiction. The surveyed providers to these customers include 5 investor-owned, 4 co-operative and 16 municipal Utilities. We note that 60 municipal and 38 co-operative electricity providers within the state are excluded as non-jurisdictional.

We present the results in a variety of ways to improve the transparency of data collected. All rates included in this survey are those applicable on customer bills issued July 1. The initial tables show the July 1, 2008 bill applicable to simple tariff residential customers at 500, 1000, 1500, and 2000 kWh monthly consumption levels first alphabetically and then ranked by 1000 kWh cost, highest being 1<sup>st</sup>. Next we present the year over year change to the customer bills at 1000 kWh. The survey includes all rate trackers but excludes taxes. Expense and capital trackers provide a means to include cost changes in customer rates outside of a traditional rate case. The fuel and power cost tracker for each municipal in 2008 is compared to 2007 in Table 4. The investor-owned group employs a variety of tracking mechanisms for which the 2008 and 2007 charges are listed for comparison. Table 6 has been added to disaggregate the base and variable cost components of 1000 kWh consumption. Figure Nos. 1 and 2 show the investor-owned electric utilities 1000 kWh residential customer bills for the current and historical periods, respectively.

#### **Table/Figure List**

Table 1	Jurisdictional Electric Utility Residential Customer Bill Survey: By Type and Utility Name Alphabetically
Table 2	Jurisdictional Electric Utility Residential Customer Bills: Ranking @ 1000 kWh
Table 3	Jurisdictional Electric Utility Residential Customer Bill: 2008 vs. 2007 Comparison
Table 4	Jurisdictional Municipal Electric Utility Residential Customer Bills: Fuel/Power Cost Tracker 2008 vs. 2007 Comparison
Table 5	Investor-owned Electric Utility Residential Customer Bills: Rate Tracker 2008 vs. 2007 Comparison
Table 6	Investor-owned Electric Utility Residential Customer Bills: Base and Variable Cost Components
Figure 1	Investor-owned Electric Utility Residential Customer Bills: 1000 kWh Consumption, July 1, 2008 Billing
Figure 2	Investor-owned Electric Utility Residential Customer Bills: 1000 kWh Consumption, Historically

Table 1

**JURISDICTIONAL ELECTRIC UTILITY RESIDENTIAL CUSTOMER BILL SURVEY**  
**[July 1, 2008 Billing] By Utility Name and Type**

MUNICIPAL UTILITIES	kWh Consumption				Overall Ranking*
	500	1000	1500	2000	
Anderson Municipal	\$ 46.73	\$ 84.41	\$ 122.09	\$ 157.74	10
Auburn Municipal	26.75	48.50	70.26	92.01	25
Columbia City Municipal	45.87	84.25	122.63	161.01	11
Crawfordsville Municipal	44.41	81.85	117.07	152.29	14
Frankfort Municipal	43.44	76.60	109.76	138.63	20
Kingsford Heights Municipal	41.79	80.08	118.37	156.66	16
Knightstown Municipal	43.37	82.12	116.58	151.04	12
Lawrenceburg Municipal	38.36	70.02	97.18	124.34	23
Lebanon Municipal	43.08	79.39	111.90	144.41	17
Logansport Municipal	50.08	91.34	130.19	168.03	8
Mishawaka Municipal	36.76	63.53	90.29	117.06	24
Peru Municipal	44.32	82.08	118.22	154.36	13
Richmond Municipal	47.10	78.65	110.21	140.04	18
Straughn Municipal	39.48	77.17	114.85	152.54	19
Tipton Municipal	43.66	81.32	116.69	152.06	15
Troy Municipal	54.78	103.84	152.90	201.96	4
<b>COOPERATIVE UTILITIES</b>					
Harrison County REMC	\$ 58.42	\$ 97.85	\$ 133.29	\$ 164.16	6
Jackson County REMC	51.28	87.57	123.85	160.14	9
Marshall County REMC	68.09	118.63	158.67	198.71	2
Northeastern REMC	58.90	99.34	139.79	174.73	5
<b>INVESTOR OWNED UTILITIES</b>					
Duke Energy Indiana	\$ 58.84	\$ 96.62	\$ 129.57	\$ 162.52	7
Indiana Michigan Power D/B/A AEP	42.54	73.66	104.78	135.90	22
Indianapolis Power & Light Co. (1)	48.61	74.72	100.84	126.95	21
Northern Indiana Public Service Co.	56.02	105.37	154.72	204.07	3
So. Indiana Gas & Electric Co. D/B/A Vectren	64.29	119.04	173.78	228.52	1
*Overall Ranking based on Total Rate at 1000 kWh consumption.					
(1) IP&L rates include a short-term voluntary credit of \$0.0073/kWh. Excluding the credit, the 1000 kWh amount would be \$82.03 and the Overall Ranking would be 14.					

Table 2

# JURISDICTIONAL ELECTRIC UTILITY RESIDENTIAL CUSTOMER BILLS

[July 1, 2008 Billing]

Overall Ranking for 1,000 kWh of Consumption

		<-----kWh Consumption----->			
NAME		500 kWh	1000 kWh	1500 kWh	2000 kWh
1	So. Indiana Gas & Electric Co. D/B/A Vectren	\$ 64.29	\$ 119.04	\$ 173.78	\$ 228.52
2	Marshall County REMC	\$ 68.09	\$ 118.63	\$ 158.67	\$ 198.71
3	Northern Indiana Public Service Co.	\$ 56.02	\$ 105.37	\$ 154.72	\$ 204.07
4	Troy Municipal	\$ 54.78	\$ 103.84	\$ 152.90	\$ 201.96
5	Northeastern REMC	\$ 58.90	\$ 99.34	\$ 139.79	\$ 174.73
6	Harrison County REMC	\$ 58.42	\$ 97.85	\$ 133.29	\$ 164.16
7	Duke Energy Indiana	\$ 58.84	\$ 96.62	\$ 129.57	\$ 162.52
8	Logansport Municipal	\$ 50.08	\$ 91.34	\$ 130.19	\$ 168.03
9	Jackson County REMC	\$ 51.28	\$ 87.57	\$ 123.85	\$ 160.14
10	Anderson Municipal	\$ 46.73	\$ 84.41	\$ 122.09	\$ 157.74
11	Columbia City Municipal	\$ 45.87	\$ 84.25	\$ 122.63	\$ 161.01
12	Knightstown Municipal	\$ 43.37	\$ 82.12	\$ 116.58	\$ 151.04
13	Peru Municipal	\$ 44.32	\$ 82.08	\$ 118.22	\$ 154.36
14	Crawfordsville Municipal	\$ 44.41	\$ 81.85	\$ 117.07	\$ 152.29
15	Tipton Municipal	\$ 43.66	\$ 81.32	\$ 116.69	\$ 152.06
16	Kingsford Heights Municipal	\$ 41.79	\$ 80.08	\$ 118.37	\$ 156.66
17	Lebanon Municipal	\$ 43.08	\$ 79.39	\$ 111.90	\$ 144.41
18	Richmond Municipal	\$ 47.10	\$ 78.65	\$ 110.21	\$ 140.04
19	Straughn Municipal	\$ 39.48	\$ 77.17	\$ 114.85	\$ 152.54
20	Frankfort Municipal	\$ 43.44	\$ 76.60	\$ 109.76	\$ 138.63
21	Indianapolis Power & Light Co.	\$ 48.61	\$ 74.72	\$ 100.84	\$ 126.95
22	Indiana Michigan Power D/B/A AEP	\$ 42.54	\$ 73.66	\$ 104.78	\$ 135.90
23	Lawrenceburg Municipal	\$ 38.36	\$ 70.02	\$ 97.18	\$ 124.34
24	Mishawaka Municipal	\$ 36.76	\$ 63.53	\$ 90.29	\$ 117.06
25	Auburn Municipal	\$ 26.75	\$ 48.50	\$ 70.26	\$ 92.01
Average		\$ 47.88	\$85.52	\$121.54	\$156.80
2007 Survey		\$46.43	\$82.71	\$117.36	\$151.26
% Change		3.12%	3.40%	3.56%	3.66%

Table 3

**Jurisdictional Electric Utility Residential Customer Bill  
1000 kWh Usage, July 1 Billing (By Name)  
Year to Year Comparison**

<b>MUNICIPAL UTILITIES</b>	<b>2008</b>	<b>2007</b>	<b>% Change</b>
Anderson Municipal	\$ 84.41	78.89	7.00%
Auburn Municipal	\$ 48.50	47.16	2.85%
Columbia City Municipal	\$ 84.25	76.07	10.76%
Crawfordsville Municipal	\$ 81.85	76.16	7.47%
Frankfort Municipal	\$ 76.60	71.69	6.85%
Kingsford Heights Municipal	\$ 80.08	80.42	-0.42%
Knightstown Municipal	\$ 82.12	76.15	7.85%
Lawrenceburg Municipal	\$ 70.02	68.42	2.34%
Lebanon Municipal	\$ 79.39	74.41	6.69%
Logansport Municipal	\$ 91.34	74.69	22.29%
Mishawaka Municipal	\$ 63.53	82.14	-22.66%
Peru Municipal	\$ 82.08	88.44	-7.19%
Richmond Municipal	\$ 78.65	80.17	-1.89%
Straughn Municipal	\$ 77.17	70.98	8.72%
Tipton Municipal	\$ 81.32	76.73	5.98%
Troy Municipal	\$ 103.84	103.02	0.79%
<b>Muni Averages</b>	<b>74.42</b>	<b>72.09</b>	<b>3.23%</b>
<b>COOPERATIVE UTILITIES</b>			
Harrison County REMC	\$ 97.85	95.16	2.83%
Jackson County REMC	\$ 87.57	88.54	-1.10%
Marshall County REMC	\$ 118.63	115.26	2.92%
Northeastern REMC	\$ 99.34	96.18	3.29%
<b>Co-op Averages</b>	<b>100.85</b>	<b>98.79</b>	<b>2.09%</b>
<b>INVESTOR OWNED UTILITIES</b>			
Duke Energy Indiana	\$ 96.62	90.20	7.12%
Indiana Michigan Power D/B/A AEP	\$ 73.66	71.96	2.37%
Indianapolis Power & Light Co.	\$ 74.72	76.20	-1.94%
Northern Indiana Public Service Co.	\$ 105.37	105.61	-0.23%
So. Indiana Gas & Electric Co. D/B/A Vectren	\$ 119.04	103.02	15.55%
<b>IOU Averages</b>	<b>93.88</b>	<b>89.40</b>	<b>5.02%</b>

**Table 4**

**Jurisdictional Municipal Electric Utility Residential Customer Bill  
1000 kWh Usage, July 1 Billing (By Name)  
Year to Year Comparison  
Fuel/Power Factor Adjustment Mechanism**

<b>Fuel/Power Factor Charge @ 1000 kWh</b>	<b>2008</b>	<b>2007</b>	<b>Change</b>
Anderson Municipal	\$21.66	\$16.13	\$5.53
Auburn Municipal	4.92	3.58	1.34
Columbia City Municipal	23.54	15.36	8.18
Crawfordsville Municipal	17.14	11.45	5.69
Frankfort Municipal	20.24	15.33	4.91
Kingsford Heights Municipal	12.68	13.02	(0.34)
Knightstown Municipal	17.12	11.14	5.98
Lawrenceburg Municipal	19.32	17.72	1.60
Lebanon Municipal	14.92	9.94	4.98
Logansport Municipal	22.70	6.05	16.65
Mishawaka Municipal	4.18	22.79	(18.62)
Peru Municipal	7.57	16.58	(9.01)
Richmond Municipal	16.70	18.22	(1.52)
Straughn Municipal	11.98	5.79	6.19
Tipton Municipal	15.68	11.09	4.59
Troy Municipal	45.22	44.40	0.82

Table 5

**Indiana Investor-Owned Electric Utilities**  
**Year to Year Comparison**  
**Adjustable Rate Mechanisms on Residential Bills**  
**1000 kWh Usage, July 1 Billing**

	2008	2007	Change
	\$	\$	\$
<b>Indiana Michigan Power D/B/A AEP</b>			
FAC	6.10	4.35	1.75
Merger Savings (Settlement)	(0.93)	(0.88)	(0.05)
Total	5.17	3.47	1.70
<b>Indianapolis Power &amp; Light Co.</b>			
FAC	7.81	5.30	2.51
Voluntary Credit applied via FAC	(7.30)	0.00	(7.30)
QPCP & QPCP O&M	6.96	3.74	3.22
DSM	0.56	0.49	0.07
ACLM	0.20	0.17	0.03
Total	8.22	9.70	(1.48)
<b>Northern Indiana Public Service Co.</b>			
FAC	4.69	5.36	(0.67)
QPCP	2.28	2.13	0.15
QPCP O&M	1.02	1.04	(0.02)
Customer Credit (Settlement)	(6.04)	(6.34)	0.30
Total	1.95	2.19	(0.24)
<b>Duke Energy Indiana</b>			
FAC	13.52	7.01	6.51
QPCP	3.03	2.40	0.63
QPCP O&M	2.62	1.43	1.19
EA	0.39	1.76	(1.37)
DSM	0.87	0.74	0.13
MISO	1.43	1.53	(0.10)
Summer Reliability	0.12	0.13	(0.01)
Amortization Phase Out	(0.56)	0.00	(0.56)
Total	21.42	15.00	6.42
<b>So. Indiana Gas &amp; Electric Co. D/B/A Vectren</b>			
FAC	(1.37)	10.36	(11.73)
QPCP	1.33	9.41	(8.08)
QPCP O&M	0.00	7.31	(7.31)
MISO	1.58	0.00	1.58
Reliability (RCRA)	(1.41)	(0.78)	(0.63)
DSM	0.00	0.17	(0.17)
Total	0.13	26.47	(26.17)

FAC = Fuel Adjustment Charge

QPCP = Qualified Pollution Control Property

DSM = Demand Side Management

ACLM = Air Conditioning Load Management

QPCP O&amp;M = Qualified Pollution Control Property Operation &amp; Maintenance

EA = Emission Allowance

MISO = Midwest ISO Non-fuel

**Table 6**

**Indiana Investor-Owned Electric Utilities  
Base and Variable (Tracker) Bill Components  
1000 kWh Usage, July 1, 2008 Billing**

	<b>Base</b>	<b>Variable</b>	<b>Total</b>
	<b>\$</b>	<b>\$</b>	<b>\$</b>
Indiana Michigan Power D/B/A AEP	67.56	6.10	73.66
Indianapolis Power & Light Co.	59.20	15.52	74.72
Northern Indiana Public Service Co.	97.38	7.99	105.37
Duke Energy Indiana	74.64	21.98	96.62
So. Indiana Gas & Electric Co. D/B/A Vectren	118.90	0.13	119.04

**Notes:**

Indiana Michigan Power Base amount includes a \$0.93 credit applied through a Merger Savings Adjustment

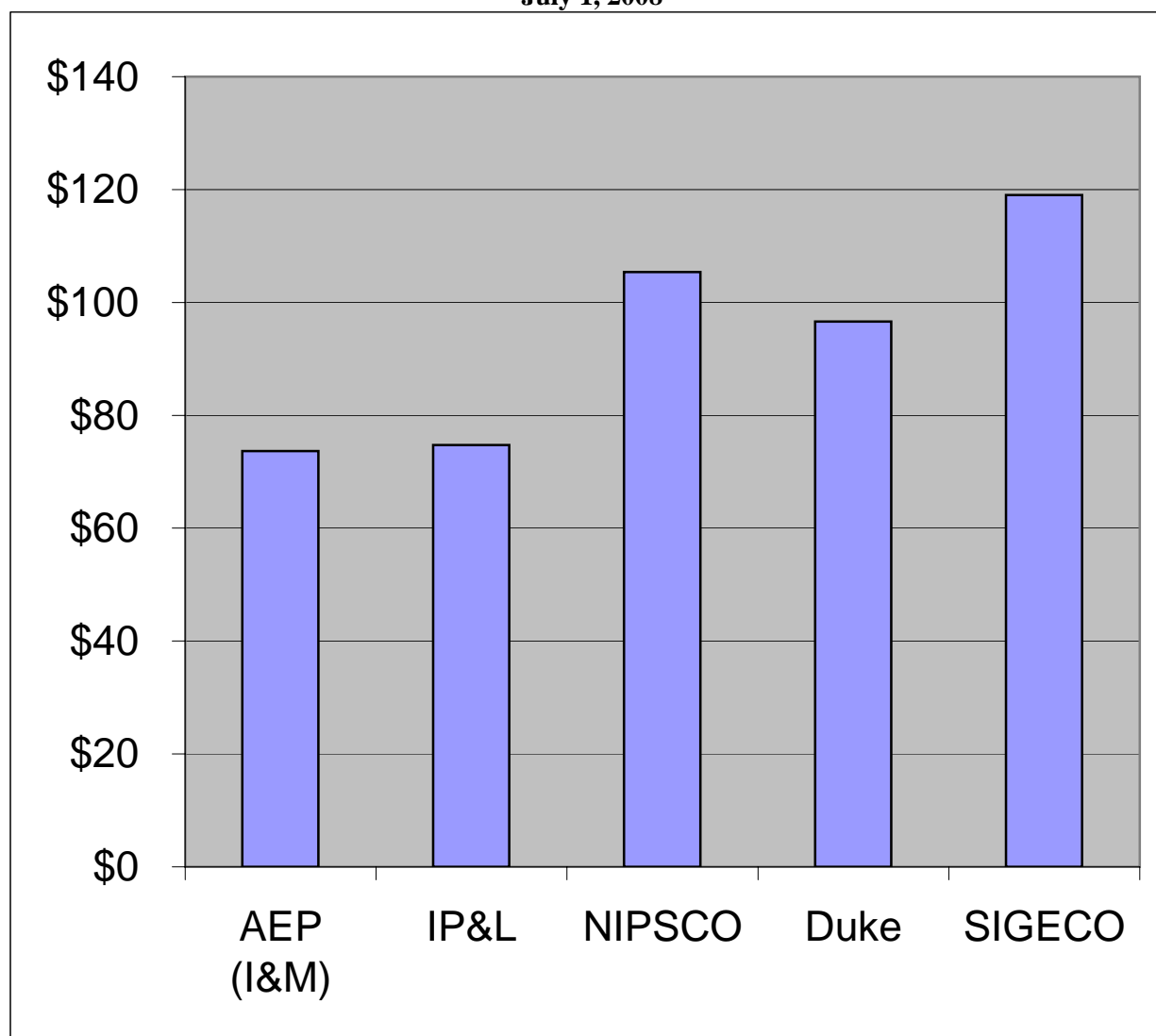
Indianapolis Power & Light Base amount includes a \$7.30 voluntary credit applied through the FAC

Northern Indiana Public Service Co. Base amount includes a \$6.04 credit applied through the FAC

Duke Energy Indiana Base amount includes a \$0.56 amortization removal credit

**Figure 1**

**Comparison of Investor Owned Utilities  
Residential Electric Bills at 1,000 kWh  
July 1, 2008**



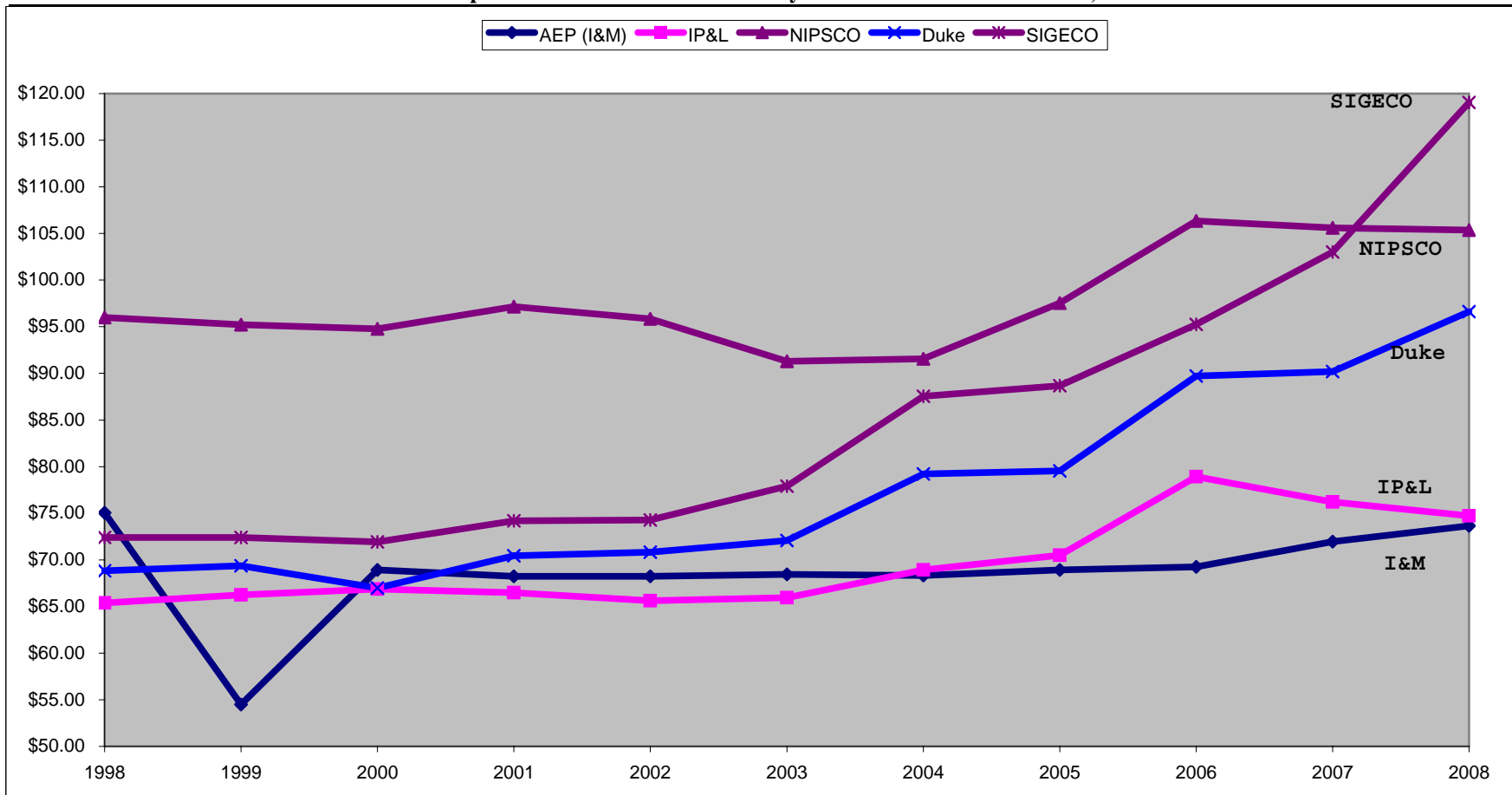
	1,000 kWh	Overall Ranking*
Indiana Michigan Power D/B/A AEP	\$ 73.66	22
Indianapolis Power & Light Co.	\$ 74.72	21
Northern Indiana Public Service Co.	\$ 105.37	3
Duke Energy Indiana	\$ 96.62	7
So. Indiana Gas & Electric Co. D/B/A Vectren	\$ 119.04	1

\*Overall Ranking based on evaluation of 25 utilities.



Figure 2

10 Year Comparison of Investor Owned Utility Residential Electric Bills at 1,000 kWh



Utility		Change			
		5 Years		10 Years	
American Electric Power Co. (I&M)	AEP (I&M)	\$5.23	7.6%	(\$1.39)	-2.6%
Indianapolis Power & Light	IP&L	\$8.77	13.3%	\$9.35	14.1%
Northern Indiana Public Service Co.	NIPSCO	\$14.09	15.4%	\$9.39	9.9%
Duke Energy Indiana	Duke	\$24.54	34.0%	\$27.79	40.1%
Southern Indiana Gas & Electric Co.	SIGECO	\$41.13	52.8%	\$46.63	64.4%